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1

SEQUENCE LISTING

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<120> THERAPEUTIC TREATMENT AND PREVENTION OF INFECTIONS WITH
A BIOACTIVE MATERIALS ENCAPSULATED WITHIN A
BIODEGRADABLE-BIOCOMPATIBLE POLYMERIC MATRIX

<130> Army 145

<140> 09/618,577

<141> 2000-07-18

<150> 08/590,973

<151> 1996-01-24

<150> 08/446,149

<151> 1995-05-22

<150> 08/446,148

<151> 1995-05-22

<150> 08/867,301

<151> 1992-04-10

<150> 06/590,308

<151> 1984-03-16

<160> 44

<170> PatentIn Ver. 2.1

<210> 1

<211> 24

<212> PRT

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peptide

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Lys His His Ser His Arg Gly Tyr
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His Arg Gly Tyr Arg
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His Arg

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<210> 7
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Asn Ile Thr Val Thr Ala Ser Val Asp Pro
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Thr Ala Ser Val Asp Pro Val Ile Asp Leu
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Asp Pro Val Ile Asp Leu Leu Gln Ala Asp
1 5 10

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1 5 10

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Pro Ser Ala Val Lys Leu Ala Tyr Ser Pro
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Leu Asn Ser Thr Val Gln Met Pro Ile Ser
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<210> 24

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Ala Lys Glu Phe Glu Ala Ala Ala
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 Gly Thr Ala Pro Thr Ala Gly Asn Tyr Ser
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<210> 28
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<210> 30
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<223> Description of Artificial Sequence: Synthetic peptide

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 Thr Ala Ser Val Asp Pro Val Ile Asp Leu Leu Gln Ala Asp
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<210> 31
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 Ala Gly Thr Ala Pro Thr Ala Gly Asn Tyr Ser
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 Gly Asn Ala Leu Pro Ser Ala Val
 1 5

<210> 33
 <211> 16
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<400> 33
 Ser Lys Asn Gly Thr Val Thr Tyr Ala His Glu Thr Asn Asn Ser Ala
 1 5 10 15

<210> 34
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<220>
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Thr Asn Ala Gly Thr Asp Ile Gly Ala Asn Lys Ser Phe Thr Leu Lys
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<210> 35

<211> 9

<212> PRT

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Val Asp Pro Val Ile Asp Leu Leu Gln
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<210> 36

<211> 5

<212> PRT

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<220>

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peptide

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Gly Pro Ala Pro Thr
1 5

<210> 37

<211> 8

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peptide

<400> 37

Pro Gln Leu Thr Asp Val Leu Asn
1 5

<210> 38

<211> 10

<212> PRT

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Phe Glu Ser Tyr Arg Val Met Thr Gln Val
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<210> 39

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Asn Tyr Ser Gly Val Val Ser Leu Val Met
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<210> 40

<211> 18

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Met Pro

<210> 41

<211> 19

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

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Ser Tyr Arg Val Met Thr Gln Val His Thr Asn Asp Ala Thr Lys Lys
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Val Ile Val

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 Leu Leu Gln Ala Asp Gly Asn Ala Leu Pro Ser Ala Val Lys Leu Ala
 20 25 30
 Tyr Ser Pro Ala Ser Lys Thr Phe Glu Ser Tyr Arg Val Met Thr Gln
 35 40 45
 Val His Thr Asn Asp Ala Thr Lys Lys Val Ile Val Lys Leu Ala Asp
 50 55 60
 Thr Pro Gln Leu Thr Asp Val Leu Asn Ser Thr Val Gln Met Pro Ile
 65 70 75 80
 Ser Val Ser Trp Gly Gly Gln Val Leu Ser Thr Thr Ala Lys Glu Phe
 85 90 95
 Glu Ala Ala Ala Leu Gly Tyr Ser Ala Ser Gly Val Asn Gly Val Ser
 100 105 110
 Ser Ser Gln Glu Leu Val Ile Ser Ala Ala Pro Lys Thr Ala Gly Thr
 115 120 125
 Ala Pro Thr Ala Gly Asn Tyr Ser Gly Val Val Ser Leu Val Met Thr
 130 135 140
 Leu Gly Ser
 145

<210> 43
 <211> 147
 <212> PRT
 <213> Macaca mulatta

<400> 43
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 1 5 10 15
 Leu Leu Gln Ala Asp Gly Asn Ala Leu Pro Ser Ala Val Lys Leu Ala
 20 25 30

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      20                25                30

Tyr Ser Pro Ala Ser Lys Thr Phe Glu Ser Tyr Arg Val Met Thr Gln
      35                40                45

Val His Thr Asn Asp Ala Thr Lys Lys Val Ile Val Lys Leu Ala Asp
  50                55                60

Thr Pro Gln Leu Thr Asp Val Leu Asn Ser Thr Val Gln Met Pro Ile
  65                70                75                80

Ser Val Ser Trp Gly Gly Gln Val Leu Ser Thr Thr Ala Lys Glu Phe
      85                90                95

Glu Ala Ala Ala Leu Gly Tyr Ser Ala Ser Gly Val Asn Gly Val Ser
      100                105                110

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Ser Ser Gln Glu Leu Val Ile Ser Ala Ala Pro Lys Thr Ala Gly Thr
115 120 125

Ala Pro Thr Ala Gly Asn Tyr Ser Gly Val Val Ser Leu Val Met Thr
130 135 140

Leu Gly Ser
145